



# RETI Phase II CREZ REFINEMENT

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California



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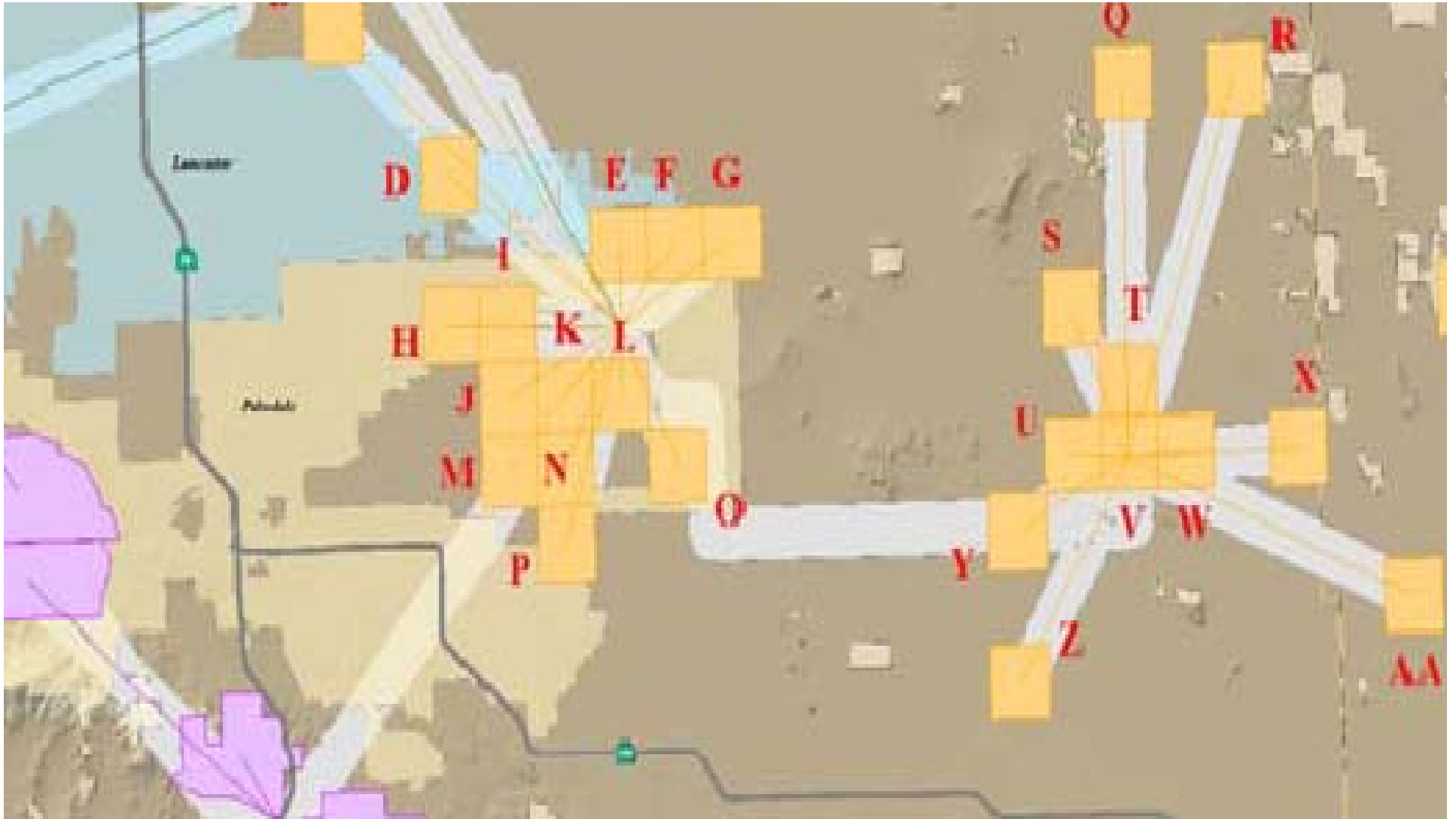
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# Phase II Refinement Mission

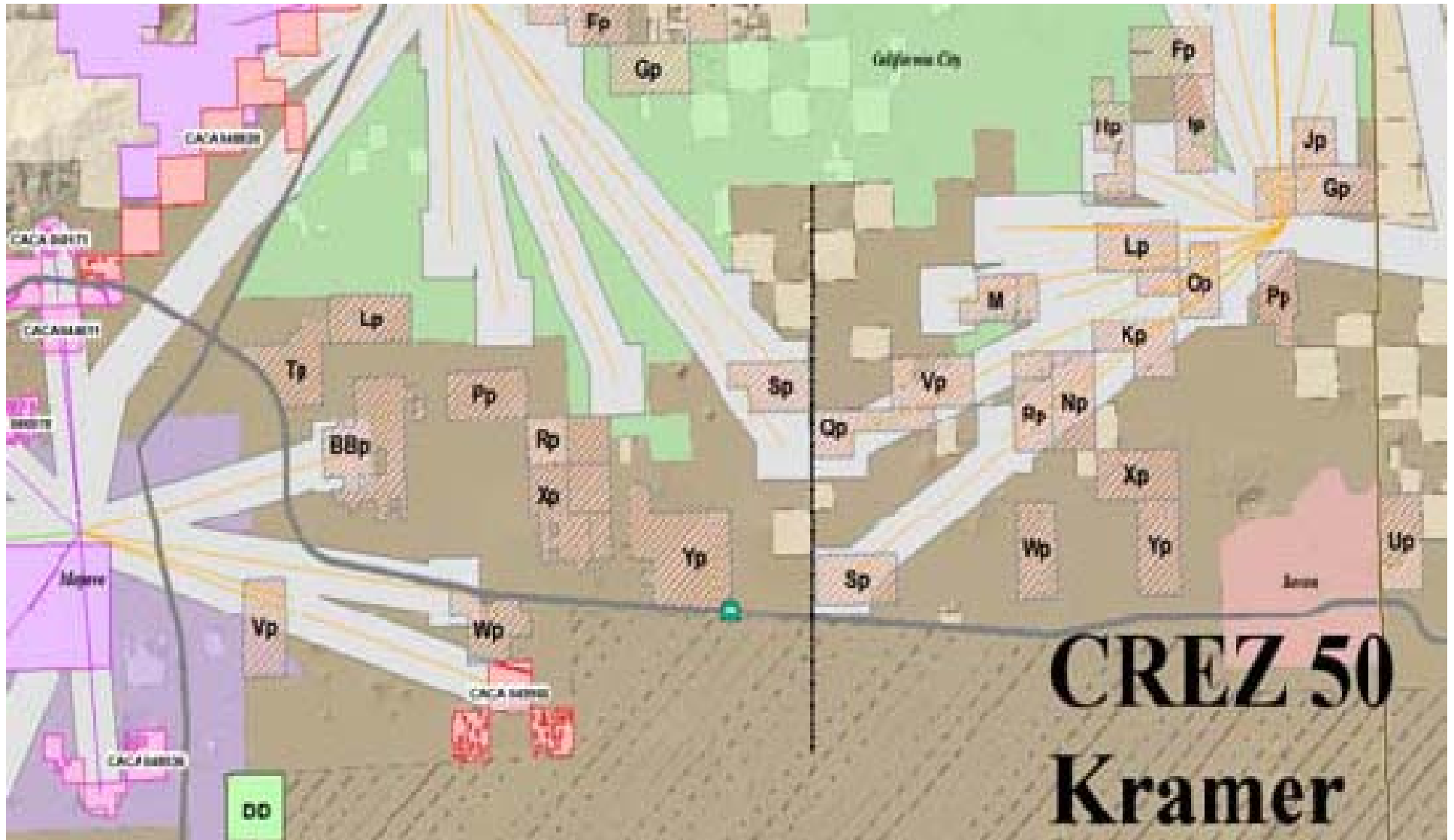
- Detailed evaluation and re-ranking of CREZ preliminarily described in Phase 1
  - Incorporate new information
  - Correct errors
  - Evaluate developability issues we were unable to address in Phase I:
    - 1% BLM development caps
    - Ownership fragmentation, others
  - Revise descriptions and adjust boundaries

# Ownership Fragmentation





# CREZ Reconfiguration







## **Major environmental concerns in the CDCA**



# Proposed Mojave National Monument

- Conservation acquisitions highlighted as sensitive lands in Phase I
- Mapping errors corrected
- CREZ were changed
- Proxy projects on donated lands removed
- Pre-identified projects were not removed
- Monument boundaries still not established
- BLM process under way for solar energy zones



# Proposed Mojave National Monument

- Because of the uncertainty surrounding creation of the monument and its boundaries, RETI has not modified the energy and environmental scores of the four potentially affected CREZ in its Phase 2 work.
- Some transmission line segments were changed to avoid the area potentially affected by the monument. The remaining transmission line segments necessary to access generation in these CREZ were evaluated and rated by the environmental expert panel.

# BLM Development Caps

<b>Name of DWMA</b>	<b>Superior-Cronese</b>	<b>Fremont-Kramer</b>	<b>Ord-Rodman</b>	<b>Piute-Fenner</b>
<b>DWMA acres</b>	542,739	418,458	224,623	219,092
<b>1% of DWMA</b>	5,427	4,185	2,246	2,191
<b>TT Wind Project Acres</b>	46,460	8,239	7,192	9,270
<b>5% Wind Acres</b>	2,323	412	360	464
<b>% of 1%</b>	42.8	9.8	51.9	21.2
<b>7.5% Wind Acres</b>	3,485	618	539	695
<b>% of 1%</b>	64.2	14.8	59.9	31.7
<b>10% Wind Acres</b>	4,646	824	720	928
<b>% of 1%</b>	86	19.8	32	41%
<b>TT Solar Project Acres</b>	0	0	806	0

## CREZ 50 - Kramer

### Competitive Renewable Energy Zone Refinement

CREZ 50 - Kramer	Solar	Wind	Geothermal	Comment
Phase 1b capacity (MW)	6400 MW	203 MW	24 MW	
CREZ acres	42099	41870		Solar 6185 MW, Wind Testing 0 MW
<u>Process Issues</u>				
PPAs Submitted/Approved to CPUC or Local Regulatory Authority				
Application filed	5033	16859 acres		585 MW solar proposed
Wind Testing				
Application actively pursued				
Permit decision issued				
ISO queue - Serial	330			
ISO queue - Transition	2720			
ISO Queue- GIPR	0			
<u>Resource Conflicts/Controversies</u>				
more than 20 owners/2 sq. mile proxy project	40660			32 Proxys moved to less than 20 owner sites.
Applicable HCP, NCCP	0	0	0	
Williamson Act contract	0	0	0	
Zoning (example: general plan amendment or	34176Ac.			33527 Ac. CUP/ 648 Rezone
Known cultural resources including historic trails and or highways.		6205 Acres		
ACECs present	0	0	0	
DWMA		6271 Acres 28 Acres		Fremont-Kramer CACA 048537 1.5% of 418458 Acres Fremont-Kramer CACA 050319 <1% of 418458 Acres
Mojave Ground Squirrel habitat		21645 Acres		
E/T/rare species present	65			Solar quantity accounts for entire CREZ
Important/Sensitive Habitat	0	0	0	
Military Constraints				
Wildlands Conservancy lands present	0	0	0	
Citizen proposed wilderness present	0	0	0	
Other (example: BLM says commercial wind is tapped out near Palm Springs)				
<u>Advantages</u>				
Additional lands identified for project development	3296			Abengoa-Mojave Solar One 250 MW, 2496 Acres, FPL 800 Acres.
Significant acreage of disturbed lands	0	0	0	

## Example of Refinement Matrix

# For More Information

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